AIPHONE

LEF-C MUSIC CENTER SYSTEM

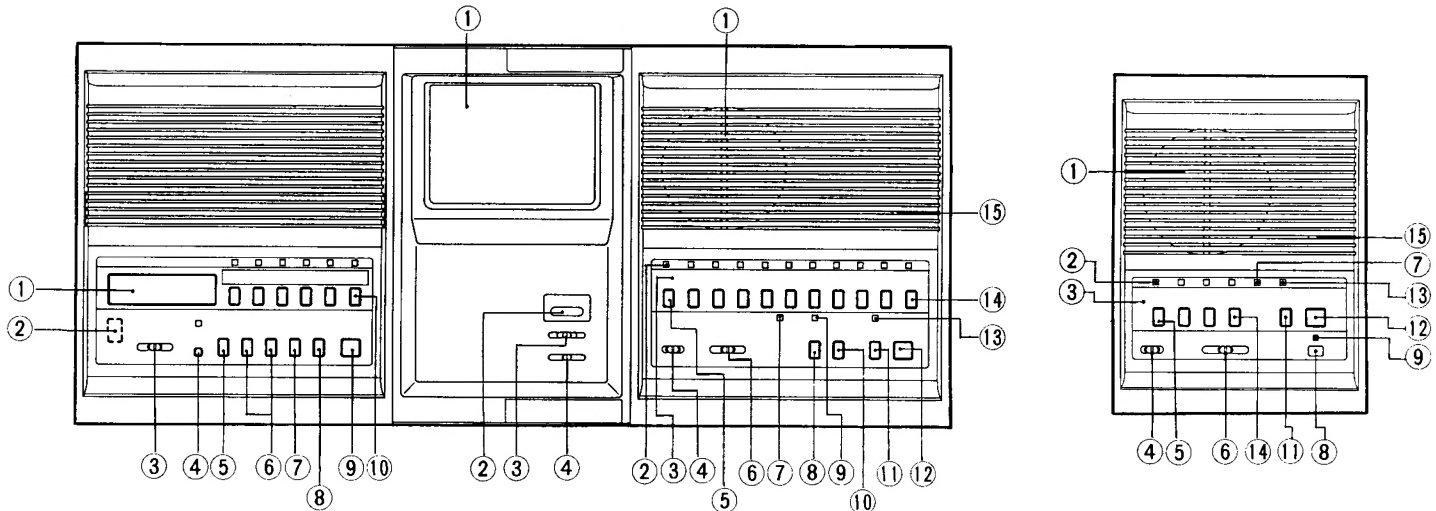| Models; | **LEF-3C** | (3-call master) |
| | **LEF-5C** | (5-call master) |
| | **LEF-10C** | (10-call master) |

OPERATION MANUAL

1 NAMES AND FUNCTIONS

BGR-10A   **MFH-UB**   **LEF-10C**   **LEF-3C**

BGR-10A
① LCD
② LOCAL/DX selector switch (under the plate)
③ Background music volume control
④ Background music ON/OFF switch & ON LED
⑤ STN/CLK display changeover switch
⑥ Manual UP/DOWN tuning switch
⑦ SEEK switch
⑧ MEMORY switch
⑨ AM/FM selector switch
⑩ Pre-set channel selector switch (6)

MFH-UB
① Video monitor
② Video monitor button
③ Contrast switch (3-level)
④ Brightness control

LEF-10C, LEF-5C, LEF-3C
① Speaker
② Sub call-in annunciator LED *(also illuminates on master to indicate station selected).*
③ Directory card & button identification plate
④ Music volume control
⑤ Station selector button
⑥ Communication volume control
⑦ OCCUPIED LED
⑧ ALL CALL button ⎢ALL CALL⎢
⑨ ALL CALL mode indicator LED
⑩ Door release button ⊷0 (not included on LEF-3C)
⑪ PRIVACY button ⎢PRIV.⎢ ⎢CALL⎢
⑫ TALK button ⎢TALK⎢
⑬ Privacy-mode indicator LED
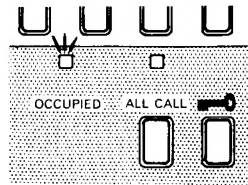⑭ OFF button ⎢OFF⎢
⑮ Microphone (ECM)
NOTE; LEF-5C appearance is the same as LEF-10C, except 5 selector buttons less.

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1. AUDIO COMMUNICATION

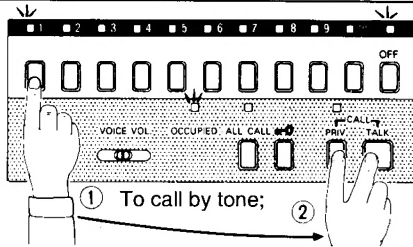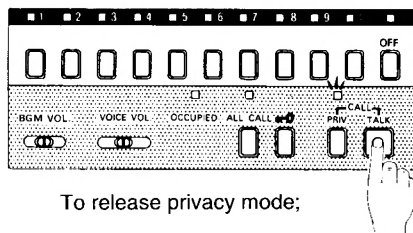|	VOLUME ADJUSTMENT
BEFORE OPERATION, SEE IF OCCUPIED LED IS NOT LIT. OCCUPIED ALL CALL	**BGM VOL.** **VOICE VOL.** Slide the switch to the right for higher volume. Background music volume can be cut off.

(1) Calling;

① To call by tone; ②

Depress a selector button of station desired.
(call annunciator LED is lit as well as selection indicator LED is lit above OFF button)
To call by tone, depress both PRIVACY and TALK buttons.
Call tone sounds while two buttons are being depressed.
To call by voice, depress TALK button and speak to the microphone.
Depress TALK button to talk, and release to listen.
After communication, depress OFF button.

(4) Receiving a call from door station;

① ② ③

A call is announced by chime tone and LED.
Depress a corresponding selector button.
Depress TALK button to talk, and release to listen.
To activate electric door release, depress and hold ▬O button.
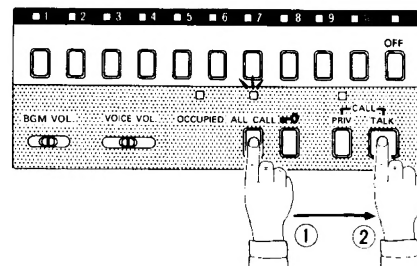Depress OFF button for standby.

(2) Receiving a call from other master;
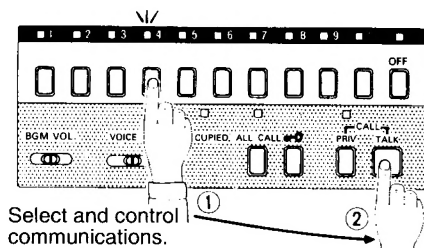
To release privacy mode;

A call is announced by electronic mono tone or voice.
Just reply handsfree (or depress TALK button to release privacy mode).
After communication, depress PRIVACY button for standby.
Privacy-mode indicator LED is lit when PRIVACY button is in depressed position.

(5) All call

① ②

Depress ALL CALL button. The all call mode indicator LED is lit. Depress TALK button while making announcement.
After announcement, release ALL CALL button by depressing the button again.
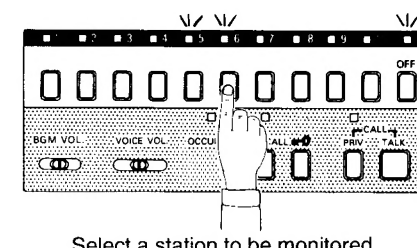
(3) Receiving a call from sub;

Select and control communications. ① ②

A call is announced by both electronic mono tone and LED.
Depress a selector button below the illuminated LED.
Depress TALK button to talk, and release to listen.
After communication, depress OFF button.
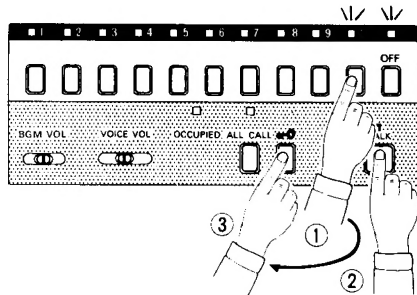The call annunciator LED and selection indicator LED go off.

(6) Monitoring;

Select a station to be monitored

Depress a selector button of station to be monitored (baby's room, etc.).
If chime or mono tone sounds, it is a call from door or another sub station (No. 5 in the illustration).
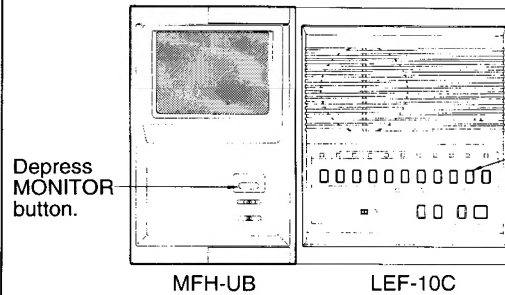Depress a corresponding selector button.

(1) Receiving a call from video door station;

Door station call-in is announced by chime tone and the image of a caller appears on all video monitors.
Depress a selector button below the illuminated LED.
Depress TALK button to talk and release to listen.

(1) Reply within 20 seconds after chime tone sounds.
   Sub call-in annnciator LED goes off in 20 seconds.
(2) After called, the picture remains for approx. 45 seconds.
   If picture goes off, depress MONITOR button to have the picture for approx. 2 minutes and half.
(3) Chime tone is available only when BGR-10A is used.

(2) Video monitoring;

When video door station is connected to No. 10.
Upon depressing No. 10 button, you can have both audio and video.

Depress MONITOR button.

MFH-UB   LEF-10C
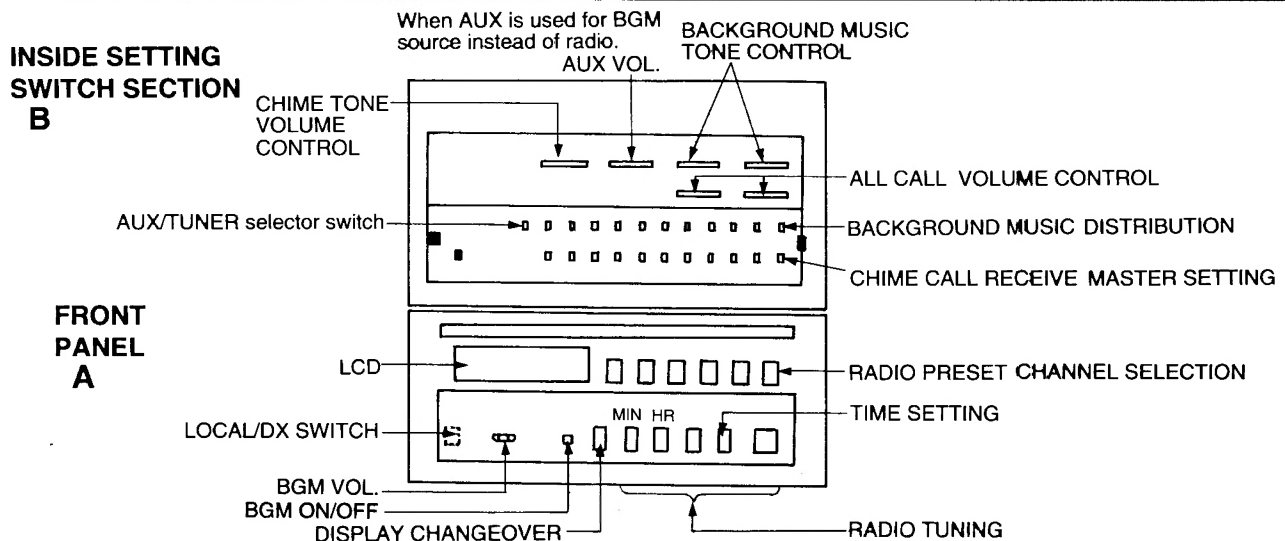
When multiple camera adaptor is used;

Depress MONITOR button on MFH-UB to turn on door station/camera No.1.
Depress MONITOR button again to have the picture of door station/camera No.2.
If a door station/camera No.3 is installed, depress MONITOR button third time (if not installed, picture goes off).
The fourth pressing MONITOR button turns off the picture.
The fifth pressing returns to the No.1 picture.

Notes;
(1) The picture goes off approximately 2 minutes and half after MONITOR button is pressed.
   The picture which comes on after last time MONITOR button is pressed, starts from the door station/camera last monitored.
   If door station calls in after last monitoring, the next video monitoring starts from the door station/camera No.1.
(2) To monitor the other door station(s);
   While communicating with one video door station, you can switch to the picture of the next door station, by pressing MONITOR button on MFH-UB.
(3) When door station calls in while monitoring, the picture is switched to that of calling door station.

INSIDE SETTING
SWITCH SECTION
B

When AUX is used for BGM source instead of radio.
AUX VOL.

BACKGROUND MUSIC TONE CONTROL

CHIME TONE VOLUME CONTROL

ALL CALL VOLUME CONTROL

AUX/TUNER selector switch

BACKGROUND MUSIC DISTRIBUTION

CHIME CALL RECEIVE MASTER SETTING

FRONT PANEL A

LCD

RADIO PRESET CHANNEL SELECTION

LOCAL/DX SWITCH

MIN HR

TIME SETTING

BGM VOL.
BGM ON/OFF
DISPLAY CHANGEOVER

RADIO TUNING

(1) BACKGROUND MUSIC		(2) CHIME CALL	
1. Set the BGM ON/OFF switch to upper ON position.	A	1. Set the individual CHIME ON/OFF switch for each room station.	B
2. Set the individual BGM ON/OFF switch for each room station.	B	2. Adjust CHIME VOLUME switch to the level desired.	B
3. Adjust the MUSIC TREBLE/BASS switch as desired.	B	**(3) ALL CALL**	
4. Adjust music volume by BGM VOL. switch as desired.	A	1. Adjust pre-tone volume to the level desired.	B
		2. Adjust all call announcement volume to the level desired.	B

(4) RADIO TUNING	**(5) CLOCK**
1. To program up to 6 pre-set frequencies/channels, press **A** MANUAL UP/DOWN button until the required frequency is tuned in, press MEMORY button, then press channel button (1 ~ 6). 2. Search the channel by pressing SEEK button, to either **A** UP or DOWN direction last used. 3. Press AM/FM button to changeover band (band **A** selection). 4. While in RADIO mode, press STN/CLK button to **A** show either TIME or FREQUENCY in non-priority mode for 8 seconds and returns to display in priority mode. To reverse display in priority mode, press both MEMORY button and STN/CLK button at the same time. 5. Set LOCAL/DX switch to LOCAL position in areas **A** of strong electric field.	1. To set HOUR, press UP/HR button, holding down **A** MEMORY/TIME button. 2. To set MINUTE, press DOWN/MIN button, holding **A** down MEMORY/TIME button.

* *General notes;*

1. *On BGR-10A, each volume of background music, all call and chime call can be adjusted. Music volume can also be adjusted on each LEF-C master & sub stations.*
2. *When a room station enters communication, background music is muted temporarily.*
3. *When BGR-10A system is powered off, the pre-set 6 channel memories and time are erased, after 10 to 30 minutes back-up is consumed.*
4. *BGR-10A is equipped with power amplifier and its surface temperature can be a little higher than LEF-5C, -10C.*

3 SPECIFICATIONS

■ LEF-C;

* Power source:	DC 12V. Use PS-12C power supply. (in North America only).
* Current consumption:	Maximum 300mA per station.
* Power output:	Maximum 800mW at 20 ohm (reception). Maximum 500mW at 20 ohm (transmission).
* Communication:	Push button station selection. Press-to-talk operation at calling master. Occupied LED illuminates when the system is in use.
* Calling:	From master to master/sub; by voice or electronic mono tone. From sub to master; by electronic mono tone and timed LED illumination for max. 20 seconds. Sub's call-in can be signaled by tone even during master is communicating.

■ BGR-10A;

* Power source:	BGR-10A; DC 24V. Use PS-24C power supply. (in North America only).
* Current consumption:	DC 1.0A (max.), 0.25A (standby).
* No. of door station connectable:	Max. 3 door stations.
* No. of master station connectable:	Max. 11 room stations.

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